

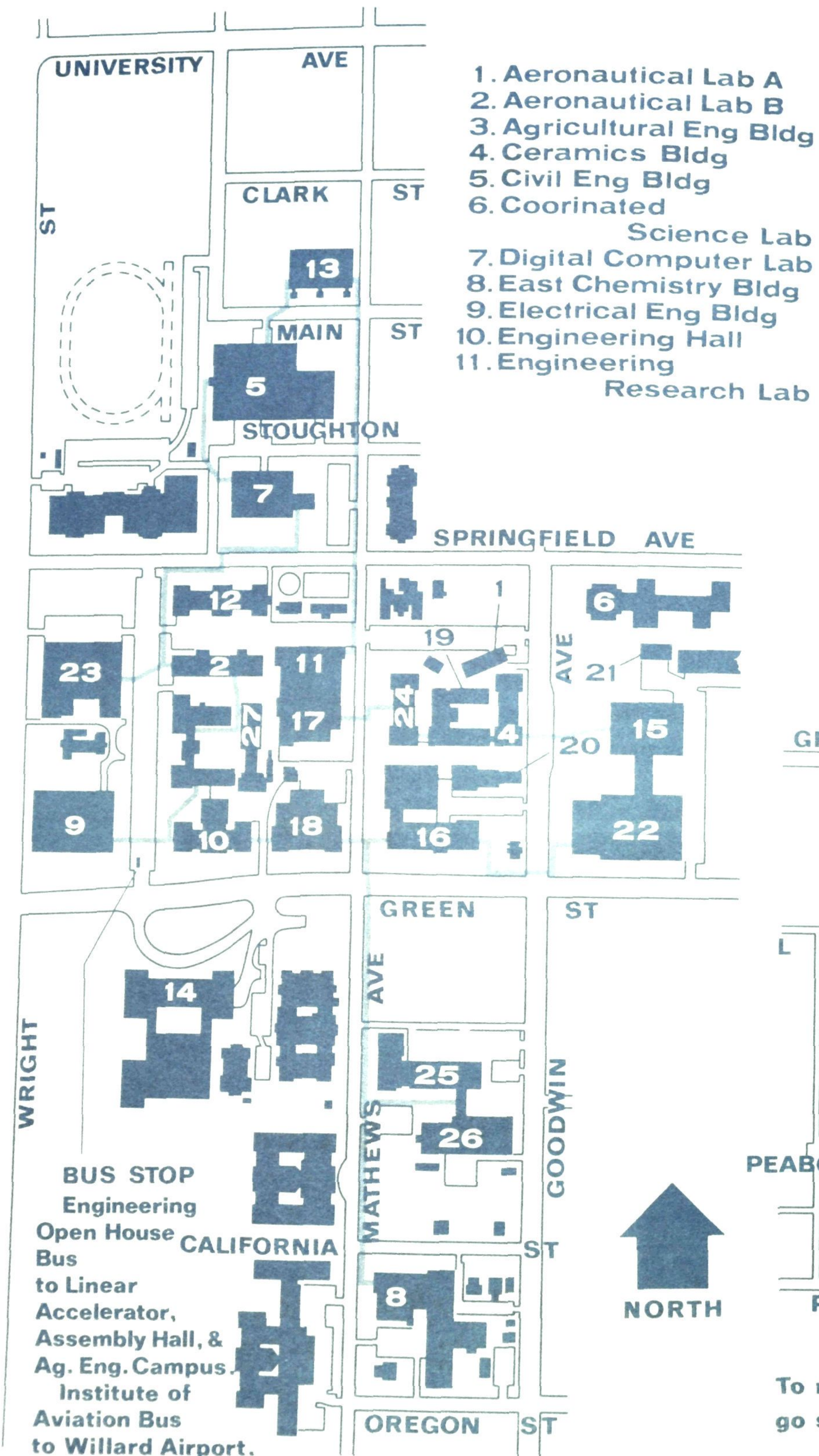
ENGINEERING-KEY TO SURVIVAL

ENGINEERING OPEN HOUSE



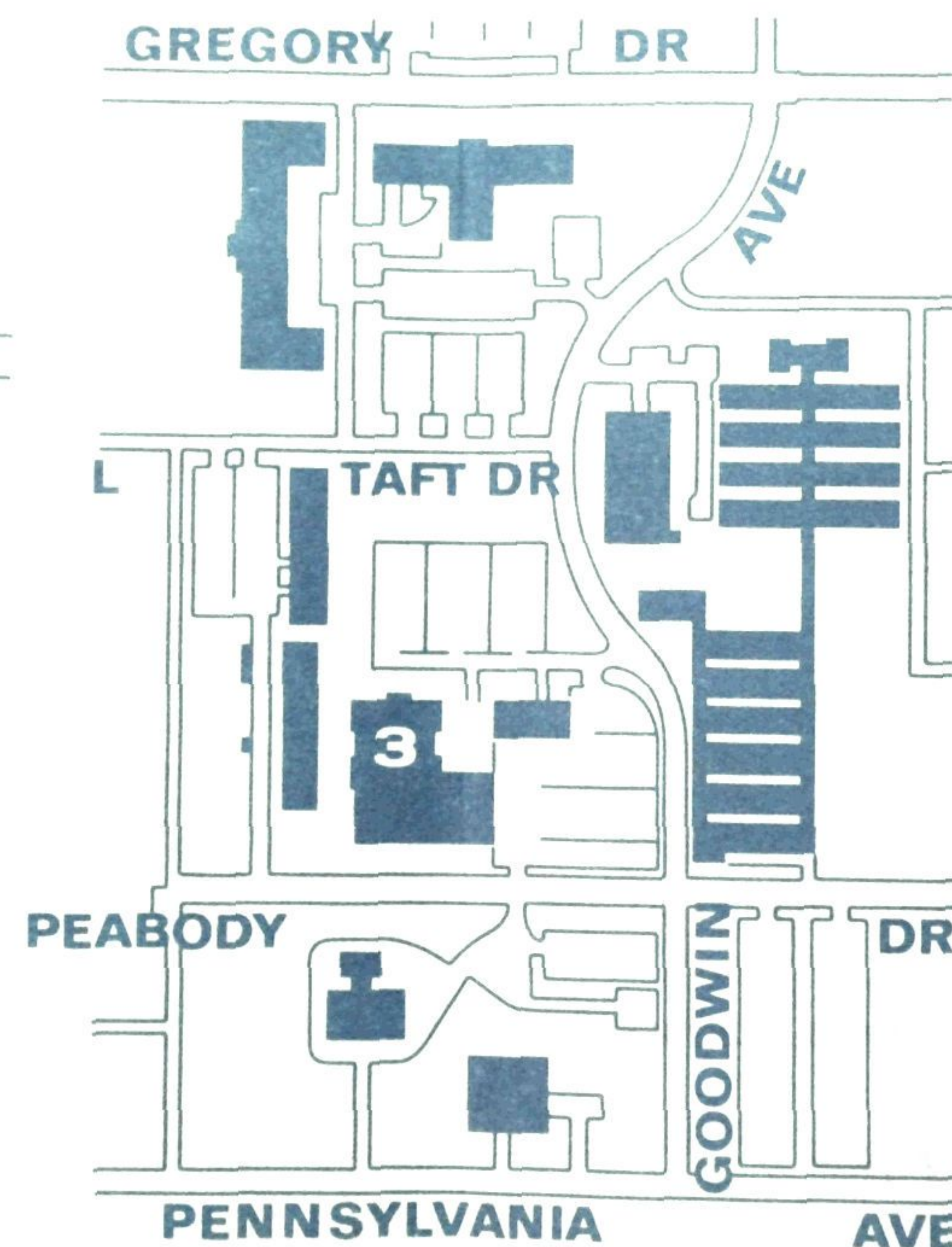
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

FRIDAY, MARCH 10 • 8:00A.M. - 8:00P.M.
SATURDAY, MARCH 11 • 9:00A.M. - 3:00P.M.



1. Aeronautical Lab A
2. Aeronautical Lab B
3. Agricultural Eng Bldg
4. Ceramics Bldg
5. Civil Eng Bldg
6. Coorinated Science Lab
7. Digital Computer Lab
8. East Chemistry Bldg
9. Electrical Eng Bldg
10. Engineering Hall
11. Engineering Research Lab

12. Foundry
13. Hydrosystems Lab
14. Illini Union
15. Materials Research Lab
16. Mechanical Eng Bldg
17. Mechanical Eng Lab
18. Mining and Metallurgy Bldg
19. Nuclear Eng Lab
20. Nuclear Radiation Lab
21. Nuclear Reactor Lab
22. Physics Bldg
23. Talbot Lab
24. Transportation Bldg
25. Burrill Hall
26. Morrill Hall
27. Bioacoustics Lab



To reach area shown in insert
go south on Goodwin Ave

FACULTY COMMITTEE

R. P. Strout, Chairman
Mechanical and Industrial

R. C. Alkire
Chemical

R. W. Bokenkamp
Dean's Office

R. W. Burtress
Electrical

P. G. Debrunner
Physics

B. J. Dempsey
Civil

R. A. Jewett
General

H. Krier
Aeronautical and Astronautical

G. Metze
Coordinated Science Lab

D. C. O'Bryant
Jets Director

J. W. Phillips
Theoretical and Applied Mechanics

B. G. Ricketts
Metallurgy and Mining

J. C. Siemens
Agricultural

W. S. Williams
Bioengineering

T. A. Willmore
Ceramic

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Paul Capponi and Bob Novaria
General

James Culp and Greg Meagher
Aeronautical and Astronautical

Bonnie Dunbar
Bioengineering

Frank Gac
Ceramic

Doug Gehrig and Eric Nordstrom
Mechanical and Industrial

Rick Pepping
Physics

David Raske and Tony Melone
Theoretical and Applied Mechanics

Pat Rausch
Computer Science

Bob Riley
Civil

Ron Schneider
Agricultural

Jack Trautman
Electrical

THANK YOU!

We would like to give a special thanks to the following companies which provided transportation for over 500 disadvantaged youths so that they would be able to attend this years Engineering Open House.

Standard Oil Company (Indiana)
Illinois Bell Telephone
Signode Corporation
Commonwealth Edison
Quaker Oats Company
Borg-Warner Corporation
Container Corporation of America
Western Electric Corporation
Peoples Gas Company
U.S. Steel Corporation
Inland Steel-Ryerson
General Electric
Sears, Roebuck and Company

We would also like to thank the following companies and consulting engineers for providing the local tour bus.

Skoog Construction Company
Carroll-Henneman and Assoc.
Felmley-Dickerson Company
A.M.S. Corporation
Harold L. Fox and Assoc.
Champaign Asphalt Company
Daily and Assoc.
Clark Dietz and Assoc.
Hanvedt Engineering
Bazzell-Phillips and Assoc.

INFORMATION CENTER

Maps and programs for this years Open House activities will be available at the information center located in the first floor corridor of Engineering Hall. In addition, other information tables will be staffed by representatives of the various engineering departments and their associated societies. Thirdly, the corridor will contain a guidance and counseling center staffed by the Associate Dean's office.

PARKING

Cars may park in spaces designated "EOH Visitor Parking" or in any metered space. Before 5 p.m. Friday guests may park on the lower level of Krannert Center on Illinois and Goodwin Streets for 25 cents. After 5 p.m. Friday and all day Saturday, university rented spaces will be open.

TOURS

The following guided tours will be available. No advance arrangements are necessary.

1. Civil Engineering Building and Hydrosystems Laboratory - meet tour guide at the west door of the Civil Engineering Building.
2. Nuclear Reactor - tours will form in the lobby of the Materials Research Laboratory.
3. Digital Computer Laboratory - tours will form in the lobby of the building.
4. Linear Accelerator - free bus transportation will be available from the corner of Green Street and Burrill Avenue to the Linac facility where tours will form.

In addition, self guided tours of most other buildings are available by following the green Open House arrows and the various departmental maps.

SPECIAL NOTICE

There will be a meeting of the Black Engineering Student Association Friday at 10:00 a.m., Room 151 Electrical Engineering Building. In addition, there will be a meeting on Friday at 3:00 p.m. in the Auditorium. All minority high school students are invited.

LOCAL TRANSPORTATION

For your convenience, a bus route has been established to help in reaching outlying areas of engineering interest. The free buses will be in service from 10 a.m. - 7 p.m. Friday, March 10 and 10 a.m. - 3 p.m. Saturday, March 11. Following is the sequence of stops to be made:

Burrill and Green (between Engineering Hall and Electrical Engineering Building)

South Goodwin (Agricultural Engineering Building)

Assembly Hall

Stadium Drive near Oak (The Betatron)

Neil and Stadium Drive (Illinois Central Locomotive Display)

Burrill and Springfield (Digital Computer Laboratory and Foundry)

In addition to the above route, the Institute of Aviation Open House will provide bus transportation to and from Willard Airport. This bus may be boarded in the main circular drive in front of the Illini Union.

A FEW SPECIALITIES ON THE "HOUSE"

Bio-Engineering Demonstrations and Lectures -
119 Mining and Metallurgy Building - 4:00 p.m.
Friday and 9:00 a.m. Saturday

All Electric Car - Electrical Engineering Building

Picture Phones - Electrical Engineering Building

Crystal Growing and X-Ray Diffraction - Ceramic Engineering Building

A FEW SPECIALITIES ON THE "HOUSE" (cont.)

Moon Rock - Aeronautical Eng. Laboratory B

Betatron - (via bus) - Physics Research Laboratory

Wave Generator - Hydrosystems Laboratory

Men and Ideas in Engineering - Physics Building lobby

3,000,000 pound press - Talbot Laboratory (demonstrations hourly except noon on Friday and Saturday)

Numerous Agricultural Engineering Exhibits - (via bus or foot) - Agricultural Engineering Building

Earthquake Simulator - Civil Engineering Building

Dr. Haight's Famed Chemistry Magic Show - 100 Noyes Laboratory - 6:30 p.m. Friday and 1:00 p.m. Saturday

Low Pollution Urban Vehicle - Mechanical Engineering Building and Electrical

Society of Women Engineers Exhibit of Innovative Kitchen Appliances - Electrical Engineering Building (free chocolate fondue)

Metal Working - Foundry

Electrostatic Precipitator - East Chemistry Building

Illinois Central Locomotive (via bus) - Neil and Stadium Drive

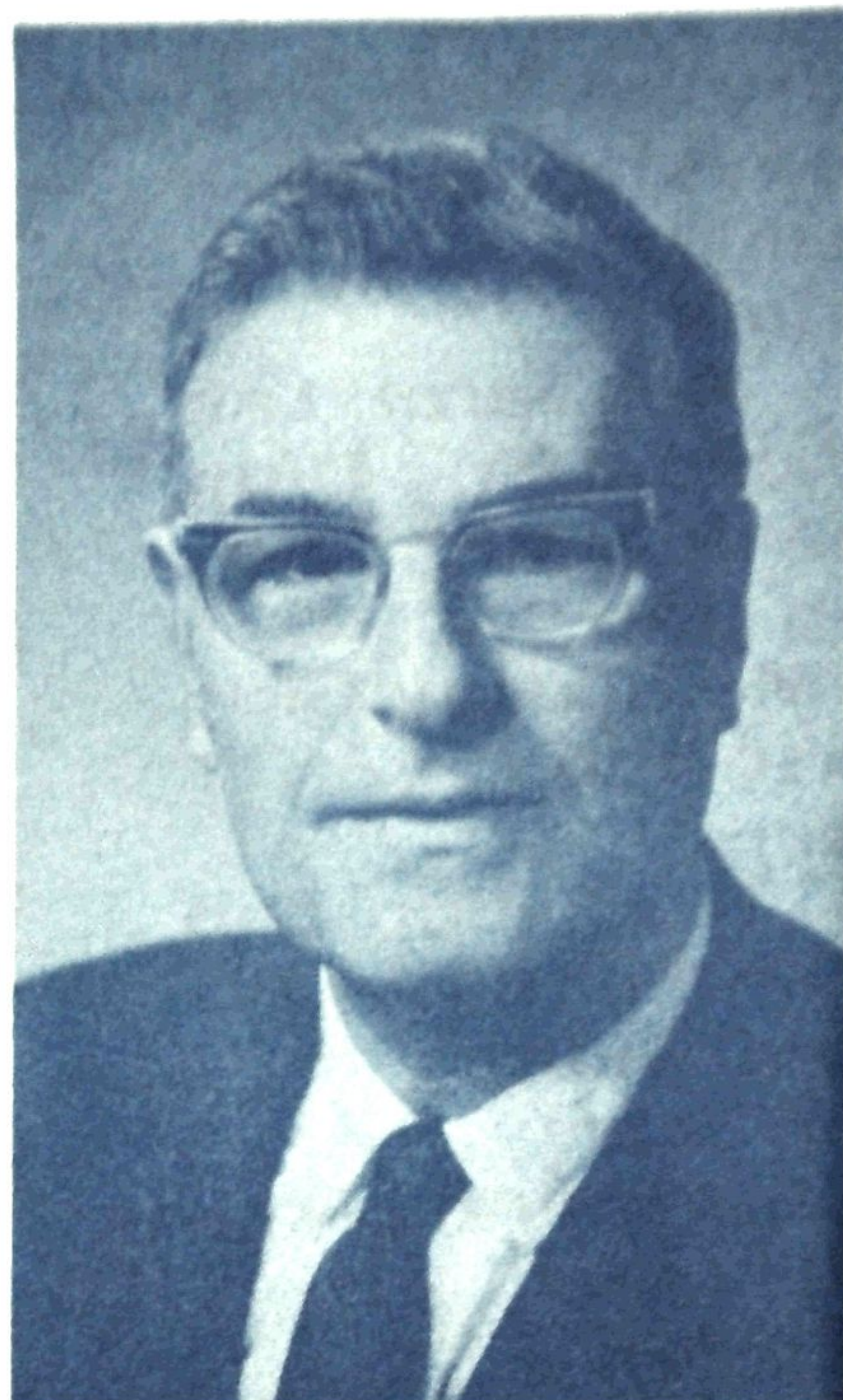
Tour of Computer Facilities - Digital Computer Laboratory

Computer Use in Design - 4th floor Transportation Building

WELCOME FROM DEAN DRUCKER

On behalf of the students, faculty, and staff of the College of Engineering, I welcome you to the 1972 Engineering Open House. For 66 years our College has presented a look at the latest developments in engineering research and education to the citizens of Illinois. This year, through our theme "Engineering—Key to Survival," we will try to convey to our visitors the important role of technology in our daily lives and how our future depends critically on the contributions of well-educated engineers.

Engineering Open House has become one of our annual highlights. We are proud to have this opportunity to show you what the College of Engineering at the University of Illinois means to the people of the state. The students and faculty have been working very hard for the past year to make your visit to the 1972 Engineering Open House both pleasant and rewarding.



CENTRAL COMMITTEE

Pam Calvetti
Chairman

Robert Stack
Space and Exhibits

Gary Johnson
Posters, TV Publicity, Programs

Dick Talmadge
Newspaper Publicity

Robert Long
Publicity

Michael VanBlaricum
Chairman

Bob Thompson
Tours and Information

Frank Bouxsein
Traffic and Safety

Greg Stangel
Awards

Hal Nystrom
High School Visitation

A special thanks for their help with EOH '72 to:

R. R. Donnelley & Sons
Dean D. C. Drucker
Dean Emeritus W. L. Everitt

Associate Dean H. L. Wakeland
Assistant Dean R. W. Bokenkamp
Assistant Dean D. R. Opperman